18

1948-49 **File No.** 9888/36

B CLASS

P.W. **DEPARTMENT**

I **BRANCH** (1)

Subject:— Dams in India

Salient features of —

Supply of information

to the Central Water-power.

Irrigation Commission.

I (1)

File No. 9888/36

Std. Sectt. Slip 24-A

Std. Sectt. 78A e.

G.R., G D., No. 2408, dated 22-6-22.]

Correspondence

DOCKET SHEET (B)

Subject :—

File No. 9888/36

Public Works DEPT.

I (1) BRANCH.

References :—

Date.	To whom sent.	Notes and instructions.

CENTRAL WATER POWER, IRRIGATION & NAVIGATION COMMISSION,

STATEMENT SHOWING SALIENT FEATURES OF DAMS IN INDIA.

AME OF PROVINCE OR STATE _____

Sr. No.	Name of Dam.	Location Latitude Longitude & Distance from nearest big town.	Year of commencement.	Year of completion.	Type of structure.	Type of spillway	Max. height above foundation in feet.	Height of top of dam above crest of weir in ft.	Max. width for ... tion feet.
1	2	3	4	5	6	7	8	9	

Width at top of the dam in feet.	Length at top of the dam in feet.	Gross capacity of the reservoir in m.cu. feet.	Useful storage capacity in m.cu. feet.	Total cost of Head Works.	Benefits.			Remarks.
					Irriga-tion in acres.	Power in kws.	Water supply in gals /day.	
11	12	13	14	15	16	17	18	19

GOVERNMENT OF INDIA,

CNETRAL WATERPOWER, IRRIGATION AND NAVIGATION COMMISSION.

No. WI-2(10) Dated New Delhi, the 22/10th 1948.

From M.D. Mithal Esqre, I.S.E.,
Director of Irrigation, Central Waterpower,
Irrigation and Navigation Commission.

To The Chief Engineer
Bombay Presidency , BOMBAY.

SUBJECT:- Salient features of various dams in India- Collection of.

Sir,

Will you kindly supply this office with salient features of the existing dams and those under construction in your jurisdiction, in the enclosed form at your earliest?, This information is required for the compilation of such features for all dams in India which would be very handy for ready reference.

Yours faithfully,
Sd/-
(S.S.Lall)
Deputy Director,
for Director (Irrigation)
Central Waterpower, Irrigation
and Navigation Commission.

Encl. one

X (Below copies of letter No. WI 2410 dt. 23.10.48. from the Director (Irrigation), Central Waterpower, Irrigation and Navigation Commission, and its accompt. re: collection of salient features of various dams in India)

No. 9888/36-I.B.(II) P.W.D.

B.C. 16th Nov. '48.

Copies forwarded to the S.Es of Circles for furnishing the information in the tabular form in duplicate, as early as possible.

By order etc.

Sd/-

5-11-48. Sd/-

6-11-48

B.V.P.

CENTRAL WATER POWER, IRR

Statement showing

NAME OF PROVINCE OR STATE:- Bombay Province.

S.No.	Name of Dam.	Location, latitude longitude and distance from nearest big town.	Year of commencement	Year of completion.	Type of structure.	Type of spillway.	Max. height above foundation in feet	Height of top of dam above crest of weir in feet.	Max. width at foundation in feet	Width at top of the dam in feet.	Length at top of the dam in feet.	Gross capacity of the reservoir in M.Cft.
1	2	3	4	5	6	7	8	9	10	11	12	13
	Bhuyar Weir.	Across the Ghataprabha River 2 miles from Hukeri Road Rly.Stn. M.&S.M.Rly. Poona - Bangalore Section. Latitude 16°10' - 16°15' Longitude 74°45' - 74°50'	1889	1891	Concrete hearting enclosed in Masonry Casing.	Clear over fall. The whole length of the weir acts as a spillway.	30'	No separate waste weir. The whole weir acts as spillway..	34'-5"	24'-3"	2985'	At permanent crest level 1.c. RL.2008.06 - 472 M.Cft. At temporary crest level 1.c.

No.M.I(1).

Copy in
Special Inve

2. This ha

V.R.R/4.1.

ATION AND NAVIGATION COMMISSION.

alient features of Dams in India.

Useful storage capacity in M.Cft.	Total cost of head works.	BENEFITS			REMARKS.
		Irrigation in acres.	Power in kws.	Water supply in galls./day.	
14	15	16	17	18	19
					he crest is raised temporarily. 4' bove the permanent crest by wood planks after October 15th. The R.L.of the top of the temporary cres is 2012.06.
		15,878 acres	2000 kw ~~NIL~~	NIL	
All useful.	Rs. 15,00,000/-				

Office of the Executive Engineer,
Ghataprabha Left Bank Canal Division,
Dhupdal(Tk.Gokak), 4th January 1949.

triplicate forwarded with compliments to the Superintending Engineer, stigation Circle, Dharwar for favour or further disposal.

reference to his No.M.I.1 or 29-11-1948.

for Executive Engineer,
Ghataprabha Left Bank Canal Division.

Dan 4.1.49

Superintending Engineer,
Special Investigation Circle,
Dharwar.

No.M.I.(1)

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 5th February 1949.

To

The Secretary to Government,
Public Works Department, Bombay.

Subject:- Salient features of various dams in India.

Reference : Government endorsement No.9888/36-I.B.(II) dated the 16th November 1948 and Government endorsement No.9888/36-I.B.(II) dated the 20th January 1949.

2. The salient features of the weir at Dhupdal is submitted herewith in duplicate as desired by Government.

D.A.Statement in duplicate.

Superintending Engineer,
Karnatak Irrigation Circle.

RGY/5.2
Compd.by:

Await.

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Serial No. 9491

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R - WATER POWER, IRRIGATION AND NAVIGATION COMMISSION,

NT SHOWING SALIENT FEATURES OF DAMS IN INDIA.

Length at top of the dam in feet.	Cross capacity of the reservoir in m.cu.ft.	Useful storage capacity in m.cu. feet.	Total cost of Head Works.	Irrigation in acres.	Power in KWs.	Watter supply in galls. /day.	Remarks.
12	13	14	15	16	17	18	19
4767 ft.	87.46 m.cu.ft.	87.46. m.cu.ft.	Rs. 62460/-	(Command) 1000 Acres. 1946-47 12 Acres.	Nil.	Nil.	
6100 ft.	114 m.cu.ft.	114 m.cu.ft.	640000/-	(Command) 2000 Acres) 40 Acres.	Nil.	Nil.	
1850 ft.	Not available	53.5 ft. m.cu.ft.	107000/-	Command 1345 Acres 404 "	----	Nil.	
2250 ft.	57.6 m.cu.ft.	57.6 m.cu.ft.	81700/-	Command 1916 Acres 1946-47 127 Acres.	Nil.	Nil.	

EXECUTIVE ENGINEER,

18/12/48 DHARWAR DIVISION.

NAME OF PROVINCE OR STATE Dharwar Dn. (PWD)

S. No.	Name of Dam	Location Latitude, Longitude & Distance from nearest big town.	Year of commencement.	Year of completion.	Type of structure.	Type of spillway.	Max. height above foundation in feet.	Height of top of dam above crest of weir in feet	Max. width at foundation in feet.	Width at top of the dam in feet.
1	2	3	4	5	6	7	8	9	10	11
1	Assundi Tank.	5 miles from Ranebennur 75-35 Latt. 14-40 Long.	1882	1884	Earthen Dam	over fall weir 500' long	33-65 ft.	9 ft.	Not available.	10 ft
2	Dambal Tank.	In Mundergi Petha. 75-45 Latt. 15-20 Long.	1876	1880	Earthen Dam	over fall weir 300' long	42-25 ft.	11.70 feet	Not available.	6 ft.
3	Madag Tank.	In Mysore State. 18 miles from Ranebennur 75-25 Latt. 14-20 Long.	15th of 16th century.	1867	Earthen Dam.	over fall weir 157' long.	Not available	95.29	Not available.	400 to 600
4	Medleri Tank.	6 miles from Ranebennur 75-46 Latt. 14-45 Long.	1874	1884	Earthen Dam	w.w. 700' long of abnormal type	41 ft.	7 ft.	Not available.	10

Central [illegible]er power, Irrigation and Navi[illegible]tion commission,
Statement showing salient features of Dams in India.

Name of Province or state:-Bombay.

Serial No.	Name of Dam	Location latitude, Longitude and Distance from nearest big town.	Year of commencement	Year of completion.	Type of structure.	Type of spillway.	Max.height above foundation in feet.	Height of top of dam above crest of weir in feet.	Max.width at foundation in feet.	Width at top of the dam in feet.	Length at top of the dam in feet.	Gross capacity of the reservoir in M.cu.feet	Useful storage capacity in m.cu.feet.	Total cost of Head works	Benefits.			Remarks.
															Irrigation in acres	Power in KWS	Water supply in galls./day	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Gaddikeri tank in S.No.244 of Mugut-khan-Hubli Taluka Belgaum.	Longitude 74° 34' Latitude 15° 52' 1½ miles from Mugut-khan-hubli.	1877	1882	Clear Earthen dam	Clear overfall waste weir 2 Nos 100' each	8 feet	5'-6" (North side) 4'-0" (South side)	45'	17 feet	412 + 1834 = 2246	Not known.	34 mcft as projected 30 mcft at present	Not known.a 1671/3	419	nil	nil	There is no I class tank in this division but this tank was formerly a I class one now converted into a II class one

K.I.D.17-11949.

D. Ambekar
Ex. Eng. Belgaum Division

Letter.

From

The Superintending Engineer,
Southern Circle.

To

The Secretary to Government,
Public Works Department,
B O M B A Y.

No.M.I.1. Public Works Department,
C.V.Belgaum, 19th March 1949.

Subject:- Salient features of various dams in India:Collection of -

Reference:- Government (P.W.D.) Letter No.9888/36-I-B-(I), dated the 8th March 1949.

In this connection the reports in duplicate containing the necessary information in tablular form on the above mentioned subject received from the Executive Engineers of Dharwar and Belgaum Divisions are enclosed herewith.

The report called for from the Executive Engineer Kanara Division is still awaited. He has been expedited again in the matter. On its receipt a report will be submitted to Government.

There are no such works in the Ratnagiri Division.

Accompts:-
As above.

Superintending Engineer.S.C.

9 B(i)

Submitted with refe. to G.E. No. 9888/36 9 B(i), dt. the 16.12.48.

2. Receipt of further report from the S.E., S.C. may be awaited.

3. Receipt of further report from the S.E., N.C.C. may also be awaited

Thro: D.E.(I)

30.3.49

1-4-49

9 I

29/3

P. W. D.
File No. 9888/36
Serial No. 20039

Re-Examine
E.E. I
27/3

IRRIGATION AND NAVIGATION COMMISSION.

STATISTICS OF DAMS IN INDIA.

NAME OF PROVINCE: BOMB

Serial No.	Name of dam.	Location latitude, longitude & distance from nearest big town.	Year of commencement.	Year of completion	Type of structure	Type of spillway	Max. height above foundation in feet.	Height of top of dam above crest of weir in feet.	Width at foundation not ascertainable Width at nalla bed level is 159.75'	Width at top of dam in feet.	Length at top of the dam in feet.	Gross capacity of the reservoir in m.cu.feet.	Useful storage capacity in m.cu. feet.	Total cost of head works.	Not exactly ascertainable.	Irrigation in acres	Power in KWS.	Water supply in galls per day.	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		16	17	18	19
	Mavinkop Tank	20.44 East. 52.94 North. 5½ miles from Malivai.	1874	1878	Earthen Dam	Masonry clear over fall waste weirs one at each end.	Height above Foundation not ascertainable. Height above nalla bed is 30.53'	5.5'	Width at Foundation not ascertainable Width at nalla bed level is 159.75'	8'	1320'	60.69 M.Cft.	43.29 m.cft.	Not exactly ascertainable.		676 acres.	Nil.	Nil	

Benefits.

Sd/- G.M.Godse,
Executive Engineer
Kanara Division.

True Copy
Bakhi
Asstt Engineer
Belgaum

The information of the following tanks have been supplied by the S.Es .

	S.No.	
Ahamadabad Division	2.	Bokh reservior
		Dadi Padwa .
Kaira & Pach Mehals Dn.	5.	Muvalia Tank
	6.	Patelao Tank.
	20.	Savli Tank.
Poona Division .	1	Shirsuphal Tank.
	2	Shadalwadi Tank.
Satara Division.	3	Mayani Tank.
	4	Pingli Tank.
	5.	Mehr Tank.
Sholapur Division.	1	Elkunk Tank.
	2	Ashti Tank.
	3	Pathri Tank.
	4	Gadshivne Tank.
	5	Koregaon Tank.
	6	Bhaswad Tank.
	8	Hotgi.
		Cherchai Tank.
		Parewadi Tank
		Sangwi Tank.
Bijapur Division.	1	Muchkundi
	2	Nandargi.
		Maichnapur.
		Anangi.
Miraj Division.		Tarfal
		Kattegeri
		Siddhapur
		Kallahatti.
		Godyal
Dharwar Division.	1	Dambal Tank.
	2	Madlari Tank.
	3	Hadag Tank.

	4	Asundi Tank
Belgaum Division.	1	Gokak- Dhupal Dhupdal
	2	Gaddikeri
Kanara Division	1	Mavinkp
West Khandesh.	1	Mukti Tank.
East Khandesh.	1	Bhanswa
Deccan Irrigation Circle.		Gangapur :- New Construction .
Nasik Dn.	2	Parwal
Nasik Dn.	1	Waghad Tank.
	2	Chankapur Tank.
	15	Darna Lake Scale.
Ahamednagar Dn.	1	Wilson Dam.
	5	Bhatodr Tank.
	8	Vanpur Tank.
P.I.R.D.	1	Lake pipe.
	4	Matoba
	5	Kasarsi
Nira Canals Dn.	1	Bhatgar Dam.
	4	Shetphal Tank.

9868/3631064
P.W.D.

I.B.(I)

Submitted with refe. to G.S. No. 9868/36-I.B.(I) dt. the 16.11.48.

2. The information called for in the G.Endt. above has now been recd. from all the S.Es. Duplicate Copies of this information may now be furnished to the Dy. Director, C W I & N. E.N., to H. Comm. as per draft put up for approval

Sd/-

12/5/49 Thro: I.B.(II) & D.B.(I)

The information submitted by the S.Es. has been generally checked from Irrigation Administrative reports. and is found correct nearly.

2. Some wanting information has been filled in e.g. Latitudes & Longitudes. where necessary.

3. on reference to the map of the Province of Bombay to accompany The Irrigation Administrative report for 1940-41 it is seen that information of the followings tanks is not given .

As the tanks mentioned by the Dy.Engr. appear to the minor Tanks, K & P.W. Dn. it is not necessary to supply information in respect of the same . Sd/- 17/5/49.

Ahmedabad Division. S.No. 3 Timba Tank.
" 14 Chandola Tank.
" 15 Vasai Receivior
" 1 Pania Tank
" 2 Warad Sapoi Tank.
" 3 Mandelao Tank.
" 7 Garbada Tank.
" 8 Chhaychhore Anbli Tank
" 10 Dengaria Tank.
" 12 Kordra Tank .
" 14 Ratneshwar Tank.
" 16 Malao Tank.

Nasik Dist. " 1 Khirdi Sathe Tank.
Poona Dist. " Victoria Tank.
West Khandesh Dist. " 2 Talwada Tank.
East Khandesh Dist. " 12 Hartalatank.
Sholapur " Budhisl
Ahmednagar Dn. " 6 Khuntephal Tank.
" 7 Peimpalgaon Tank.

The draft on p. 90 may pl . be approved and then the S.Es may pl. be written to for the information of these tanks .

No. 9888/36-I.B.(I) P.W.D.

D.C. 19/5/49.

To

The Director of Irrigation,
Central Waterpower Irrigation and Navigation Commission.
New Delhi.

Subject:- Salient fetaures of various dams in India-
Collection of-

Sir,

With refe. to your letter No. WI -2(10) dt. the 22-10-48. I am directed to forward herewith the requisite information regarding the salient features of existing dams and those under Construction in this Provice, in the endorsed form.

Yours faithfully

Sd/-

12-5-49

D.A.

requisite

information.

B.V.P.